

**Issue
No.96**

The Official Publication of the
**NATIONAL LOCKSMITH
AUTOMOBILE ASSOCIATION™**

02.09

2007 Chevrolet Cobalt LT



1. 2007 Chevrolet Cobalt LT.

**2. Code Series: G0001-G3631/Key
Blank: Ilco B111-PT/Service Key:
Ilco B106-P/Transponder Equipment
Required or Procedure:
OBP Program A or G / Circle+**



Here are the two best websites for Automotive Locksmiths:

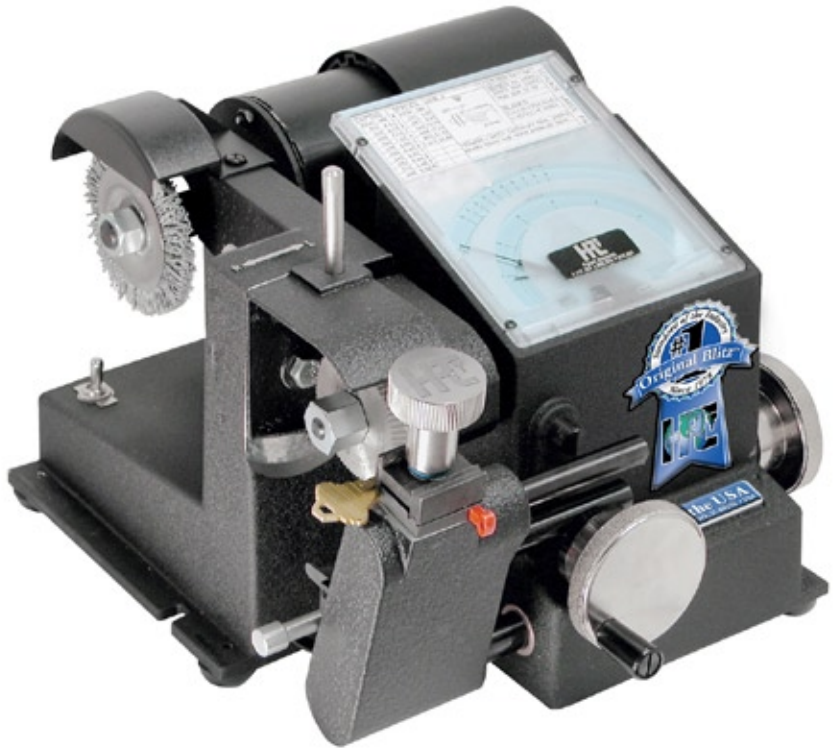
www.TheNationalLocksmith.com

Chat, Forums, Editorial,
Online Store, Tech Support

www.Laserkey.com

Product & Technology Sales,
Transponder Information Resources

**3. HPC Key Machine Information: DSD 263,
1200CMB Card: CX263, 1200PCH Card:
PX263/Cutter Wheel: CW-1011,
Punch: PCH-1011/Jaw Type: A/Gauge:
Black Horseshoe Tip Stop.**



**National Locksmith
Automobile Association™**

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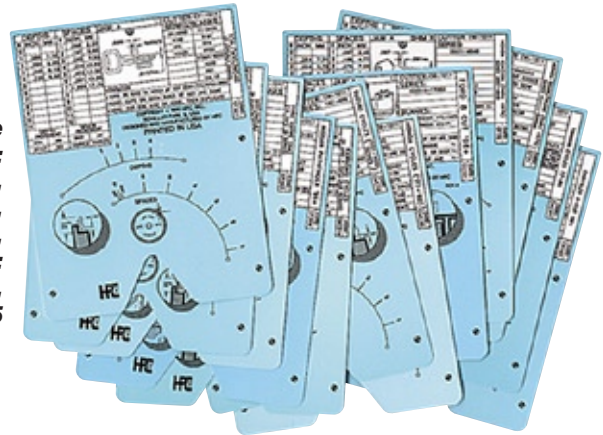
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Manufacturers: Interested in
offering rebates or discounts to
NLAA members? Contact Marc
Goldberg at the Home Office

**4. Depth & Space
Dimensions: Spaces/Inch:
1=1034, 2=942, 3=850,
4=757, 5=665, 6=573,
7=481, 8=389, 9=297,
10=205/Depth/Inch:
1=327, 2=306, 3=286,
4=265, 5=245**



**5. HPC Car Opening
Authority® Technique UB-2.
Technique UB-2 applies
to lifting the vehicle's
interior door lock button.**



6. Use the HPC No. AW-99 AirWedge™ to carefully wedge between the vehicle door and the weather stripping on the door frame to allow an opening for the tool. Insert the HPC No. AS-1 AutoSleeve™ to prevent damage to the weather stripping and automobile finish if necessary.



7. Insert the HPC No. CO-87 Button Clutch™ into the vehicle's interior and engage the button.



8. Simply lift upward to the tools top handle to close the loop around the button, lift upward on the tool to lift button.



9. Lock Picking Style: HPC Car Opening Authority Technique PX: Ignition Lock: Acc./On/Start=CW, Off/Lock=CCW. Driver Side Door Lock: Lock=CW, Unlock=CCW. Passenger Side Door Lock: Lock=CCW, Unlock=CW. Trunk Lock: Unlock=CW.



10. Vehicle Air Bag Locations: Driver Side Steering Wheel, Passenger Side Front Dash, Inside Seatback Upholstery.



11. Ignition Lock Removal. Lock Location: Column/7 Tumblers/Tumbler Positions: 4-10. Key Code Located On Ignition Lock Core.



12. Remove 3 (7mm) screws from bottom portion of column shroud.



13. Remove bottom portion of column shroud to access ignition lock.

14. With lock in "On" position, depress on cylinder depression pin located at top portion of housing to remove lock.

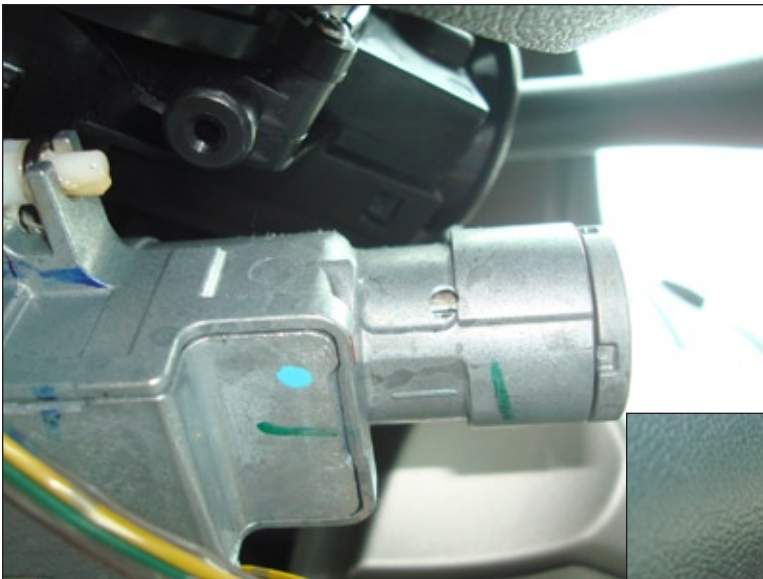


15. Picture of ignition lock.

16. After the removal of the face cap, this picture shows how the core is factory pressed together and cannot be disassembled to service the tumblers.

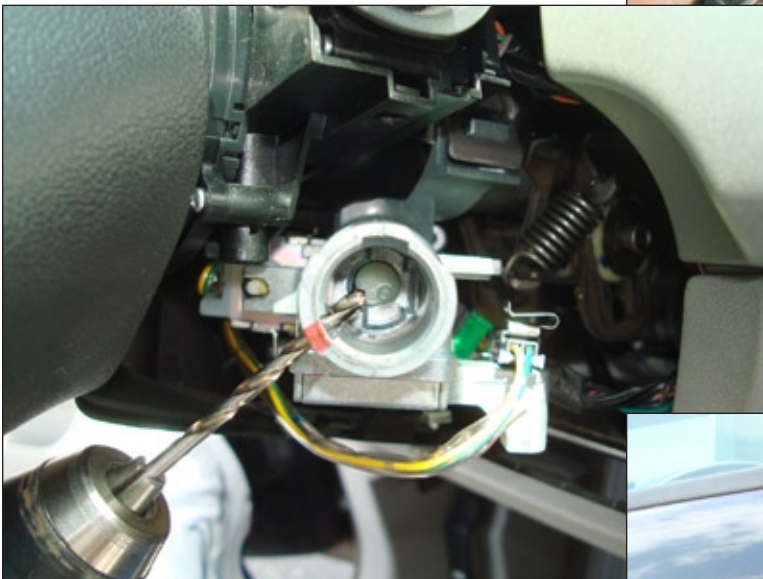
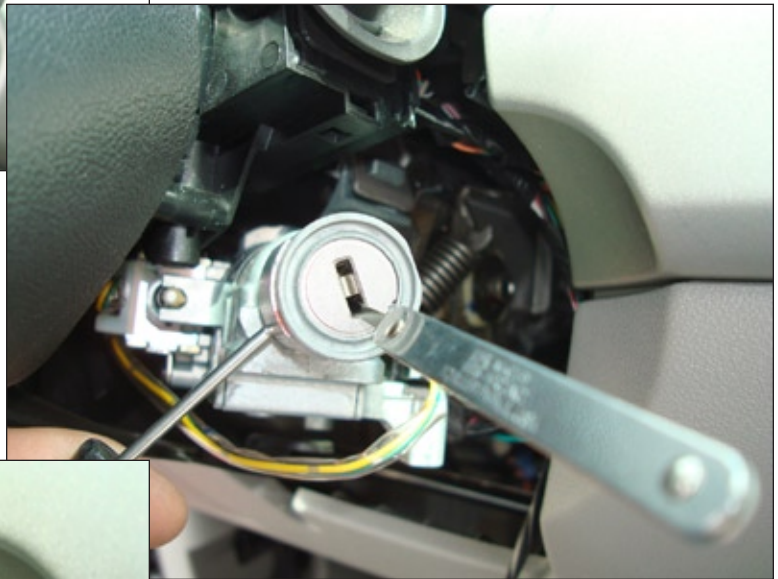


17. Ignition Lock Removal Without Key and Without damage to cylinder. Drill a 5/32" hole at the nine o'clock position of keyway 3/4" from the face of the ignition lock.



18. This picture shows sidebar after hole drilled.

19. Rake tumblers with rake pick while applying pressure to the sidebar with an awl. Once sidebar is collapsed, turn core to the "On" position to depress depression pin located at top portion of housing to remove lock.



20. This picture shows the drill bit aligned to access side bar.

**21. Door Lock Removal.
8 Tumblers/Tumbler Positions: 3-10.**



22. Door Panel Removal.



23. Remove upper mirror access panel, 1 snap clip.



24. Using an awl, carefully pull outward on screw access cap at door latch release lever.



25. Remove 1 (P-2) screw.



26. Using an awl, carefully pull outward on screw access cover in cup of door arm rest.

27. Remove 2 (P-2) screws.



28. Pull upward on power window assembly to remove (4 clips) and disconnect power window plugs.

29. Remove 2 rivet type clips on door panel edge. Use an awl to remove the center portion first to remove entire clip.



30. Pull outward on bottom portion of door panel, then lift upward on panel to remove.



31. Disconnect cable linkage from release lever.

32. Picture of back side of door panel.



33. Picture of handle, lock and interior linkage.



34. Remove rubber insert of door button linkage to access bolts to handle assembly.



35. This picture shows bolts next to door lock housing.



36. To remove handle, remove 2 of 3 (10mm) bolts next to door lock housing.



37. This picture shows bolt at opposite end of handle assembly.

38. Remove the 3rd (10mm) bolt.



39. Pull outward on door handle.



40. Disconnect linkage from door lock to remove.

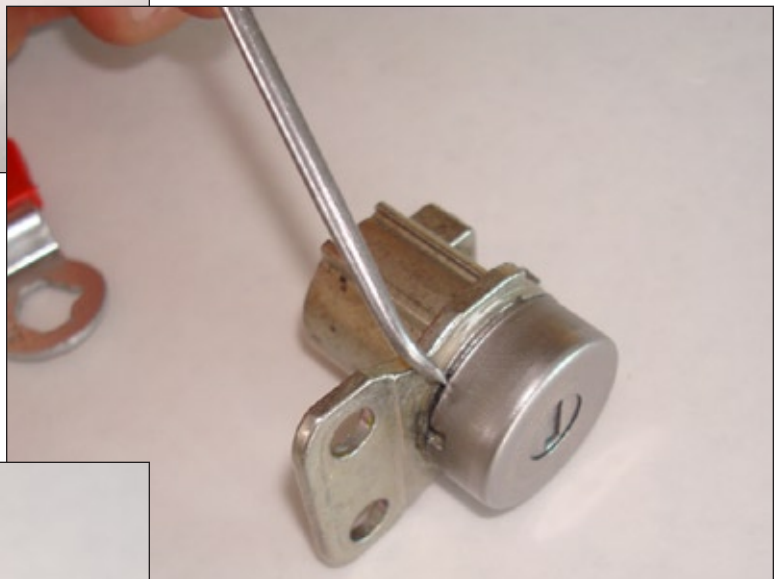


41. Picture of door lock.



42. Remove C-clip and driver form rear of lock.

43. With an awl, remove face cap from lock.



44. Remove core from lock housing.

45. Picture of detent ball with spring in lock housing.



46. Picture of door lock core.



47. Picture of door lock parts.



**48. Trunk Lock Removal.
8 Tumblers/Tumbler Positions: 3-10.**



49. The trunk lock is held in with a C-clip.





50. Remove C-clip.



51. Pull outward on trunk lock to remove.



52. Picture of trunk lock.



53. A face replacement cap is needed to disassemble trunk lock.

**54. Alternate Vehicle Opening Method:
HPC Car Opening Authority(R) Technique VR-6.
Vertical Rod Style. Insert the HPC Ultimate Auto
Wedge™ No. AW-34 at the front edge of the door
handle between the glass and weather stripping.
Insert the HPC Flex-A-Light™ No. FAL-15X light
and locate the vertical rod. Insert the HPC
No. CO-76 Vertical Clutch™.**



**55. Be sure to push handles together on the tool
to extend the hook end from the tube. Lower the
tool into the door in line with the vertical rod.
Rotate and grasp the vertical rod with the hook
on the end of the tool.**



**56. Pull the handles apart while maintaining
contact with the vertical rod, to grasp and bind
the rod. While maintaining grasp of the linkage,
pull up on rod to unlock the car.**



**57. This picture shows an inside door view
of the CO-76 grabbing the vertical rod below the window
and just before the bend in the linkage.**



58. Picture of front of vehicle.



59. Picture of passenger side of vehicle.



60. Picture of rear of vehicle.

**61. Miscellaneous Notes:
Vehicle battery located in trunk.**



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